Rick Hance
Engineering Note

Date: 6/16/99
Rev Date: 07/25/02
Project: General Support
Doc. No: H990616A
Subject: Installing or Updating OrCAD Design Tools Software

Orcad Schematic Capture, Pspice, Pspice A/D, and PCB design (Engineer's Edition) is available to all PPD/EED Engineers and Technicians as networked software. The following procedure describes how to install or update the software on your Windows NT workstation[1]. Once the software is installed, it will reside and run on your workstation; but will seek "permission" to run each time from the "key server" software located on a PPD computer. This will be transparent to you. There are presently five schematic capture, 1 Pspice, 1 Pspice A/D, and 2 PCB design (Engineer's Edition) licenses "floating". Thus, up to five people may use schematic capture, two may use Pspice, and two may use PCB design simultaneously at any given time. Use the following procedure to install the software on your workstation. Approximately 380 megabytes of disk space will be required. You must have Windows NT 5.0, or NT 4.0 with service pak 4 or higher[2]. Follows these instructions carefully for a troublefree installation:

1. Log on your computer in the **FNAL** domain. You must have administrator privileges on your computer.

2. Turn off virus checking.

3. If updating, then use the "**Uninstall**" icon in your OrCad start menu folder to unistall the earlier version. Your projects and special libraries will not be affected; but you may want to back them up first just in case.

4. Locate **ppdserver** (you must use **Start>Find>Computer>ppdserver**). Double click on **ppdserver** and browse to **\\ppdserver\EED.PPD\Project\ESCAD\Install_Area\OrCad\OrCad_9.20\Capture.**

5. Run the setup program by double-clicking on "**Setup.exe**".

6. In response to the "**Warning**" dialog box, select "**Ok**".

7. In response to the "**Welcome**" dialog box, select "**Next**".

8. In response to the "**Software License Agreement**" dialog box, select "**Yes**".

9. In response to the "**Licensing**" dialog box, select "**Network Licensing"**, then select **"Next"**.

10. In response to the "**Network Installation Options**" dialog box, select "**Configure client**", then select "**Next**".

11. In response to the "**File Server Location**" dialog box, enter (without quotes) "**\\ppdserver\EED.PPD\Project\ESCAD\Install_Area\Orcad\Orcad_9.20\Install**", then select "**Next**".

12. In response to the "**Local Components Location**" dialog box, accept the default directory, or enter the directory path on your machine where you want the software installed. Then select "**Next**".

13. You may get an "**Install Path Check**" dialog box asking whether to overwrite a previous Orcad installation . Select "**yes**" to proceed.

14. In response to the "**Select Components**" dialog box, verify that all boxes are checked, then select "**Next**".

15. In response to the "**Select Program Folder**" dialog box, select "**Next**".

16. In response to the "**Start Copying Files**" dialog box, select "**Next**".

17. Wait for the files to be copied and the software to be configured.

18. In response to the first "**File Extension Registration**" dialog box (required associations), I recommend that you select "**Yes**".

19. In response to the second "**File Extension Registration**" dialog box (drag & drop operations), I recommend that you select "**No**".

20. In response to the **"Acrobat Reader Installation Instructions"** dialog box, select **"Ok"**. Note that if you **do** need an Acrobat Reader, you should get it on line from Adobe.com.

21. In response to the **"Setup Complete"** dialog box, de-select the **"Launch Internet Browser**" box, then select "**Finish**".

22. Install the licensing socket number into your environment as follows:

- Open the **"Environment Variables Control Panel"** as follows: **Start>Settings>Control Panel>System>Environment**

- Add or modify "**Variable**" "**LM_LICENSE_FILE**" with "**Value**" **2200@acme.** If you also have other applications that need LM_LICENSE_FILE (such as Lattice), then the "**Value**" window should end up containing multiple **"Value"** entries such as **7788@acme;2200@acme** etc. Then Select "**Ok**" to close the window.

23. Close all programs and reboot the computer.

---

[1] The Orcad installation manual specifies that the software will work with Windows 95 or higher; but as of this date I have only tested installation on Windows NT.

[2] NT 4.0 service Pak 4 can be installed from: \\D0server4\APPS\Windows NT 4.0\Service Pack 4\I386\UPDATE\Update.exe. You will also need to run Y2ksetup.exe in that same directory.